

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	133	606/139,144-148,212-223.ccls. and (suture thread) and needle and (retract\$4 withdraw\$3) same (extend\$3 expos\$3 expand\$3) and (bifurcat \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 15:37
L4	59	606/139.ccls. and (suture thread) and needle and (retract\$4 withdraw\$3) same (extend\$3 expos\$3 expand\$3) and (bifurcat \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 16:04
L5	59	606/139.ccls. and (suture thread) and needle and (retract\$4 withdraw\$3) same (extend\$3 expos\$3 expand\$3) and (bifurcat \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/01/13 16:04
S38	1498	606/139,144-148,212-223.ccls. and suture and needle and (retract\$4 withdraw\$3) same (extend\$3 expos\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/04/25 15:18
S39	15	("20020147456"   "5312422"   "5569269"   "5618290"   "6022360"   "6723107"   "6936054"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/25 15:21

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		"5100415"   "5100418"				

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"5409494"	"5439467"
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"5527322"	"5540704"
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"5562687"	"5562696"
"5565122"	"5569269"
"5571090"	"5571119"
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"5578044"	"5591179"
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"5618290"	"5618304"
"5626590"	"5632748"
"5632752"	"5643266"
"5643292"	"5645552"

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S42	2	("6206931").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/27 10:24
S43	2	("6328758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/27 11:23
S44	23	("4779616"   "5250054"   "5364410"   "5447512"   "5496335"   "5499991"   "5501692"   "5562685"   "5569269"   "5573542"   "5643292"   "5653716"   "5658299"   "5772672").PN. OR ("5910148").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/28 11:44
S45	268	("0636728"   "1583271"   "2114695"   "2416260"   "3638653"   "3638654"   "3828791"   "3877434"   "3967625"   "4103690"   "4174715"   "4235238"   "4244370"   "4345601"   "4378019"   "4392495"   "4393872"   "4641652"   "4779616"   "4852568"   "4873976"   "4935027"   "4944443"   "4957498"   "4981149"   "4994079"   "5015250"   "5026379"   "5037433"   "5053041"   "5108406"   "5129912"   "5144961"   "5172701"   "5174276"   "5203864"   "5217024"   "5226426"   "5234445"   "5242456"   "5250053"   "5250054"   "5257637"   "5269791"   "5269809"   "5281220"   "5281234"   "5281236"   "5281237"   "5284485"   "5290296"   "5312422"   "5312423"   "5318528"   "5318578"   "5320629"   "5324306"   "5330491"   "5346498"   "5350385"   "5354298"   "5356424"   "5358498"   "5364408"   "5364410"   "5368601"	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/28 11:47

		"5387227"   "5403329" "5405354"   "5462560" "5501692"   "5507758").PN. OR ("5501692"   "5562685" "5569269"   "5573542" "5643292").URPN.				
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S47	15	("20020147456"   "5312422"   "5569269"   "5618290"   "6022360"   "6723107"   "6936054"). PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/28 14:17
S48	2	("5713908").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/28 14:18
S49	51	("0253209"   "1678361" "1822330"   "2213830" "2738789"   "2738790" "3139089"   "4957498" "5015250"   "5222962" "5222977"   "5224948" "5234443"   "5254126" "5281237"   "5312422" "5374275"   "5417701").PN. OR ("5713908").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/28 14:19
S50	4	("3877438").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/28 14:22
S51	4	("3877434").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/28 14:22

## EAST Search History (I nterference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	((606/139,144,145-148,212-223.ccls.) and suture and needle and handle and (shaft rod tub\$5) and (retract\$3 collaps\$4) and (extend\$4 expand\$4) and (spac\$3 slot channel) and (arm leg) and bifurcat\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/13 15:35
L2	3	((suture thread) and needle and handle and (shaft rod tub\$5) and (retract\$3 collaps\$4) and (extend\$4 expand\$4) and (spac\$3 slot channel) and (arm leg) and bifurcat\$3).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/01/13 15:36
S33	1604	(606/139,144,145-148,212-223.ccls.) and suture and needle and (jaw bottom lower same (lumen channel (through near2 hole)))	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/18 09:22
S34	0	((606/139,144,145-148,212-223.ccls.) and suture and needle and (jaw bottom lower same (lumen channel (through near2 hole))))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/18 09:23
S35	0	((606/139,144,145-148,212-223.ccls.) and suture and needle and ((jaw bottom lower) and (lumen channel (through near2 hole) same needle))))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/04/18 09:23

**1/13/2011 4:10:44 PM**

**C:\Documents and Settings\nguyen32\My Documents\EAST\Workspaces\10803406 suturing instrument needle with bent gathering arm.wsp**